

Antenna Specifications

At Wavelink, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

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Wavelink Certifications:



Wavelink Partners:

Skyworth **NARI**

flex

 **HUAWEI**

 **VVDN**
TECHNOLOGIES

Tenda **Infinova**

dji

Hikvision

JABIL

Catalogue

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Wavelink

1 Product Description

This wavelink FPC antenna covers WiFi2.4 and WiFi5.8.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

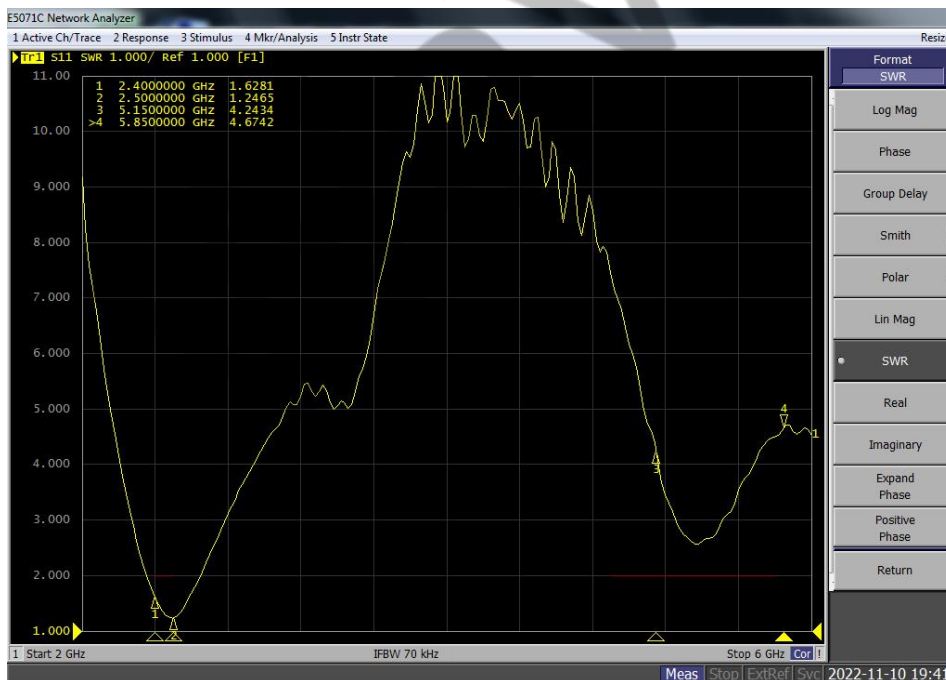
Frequency Range	2400-2500 MHz 5150-5850MHz
Input Impedance	50 Ω
VSWR	≤ 3
Gain	≤ 4 dBi
Polarization Type	Linear

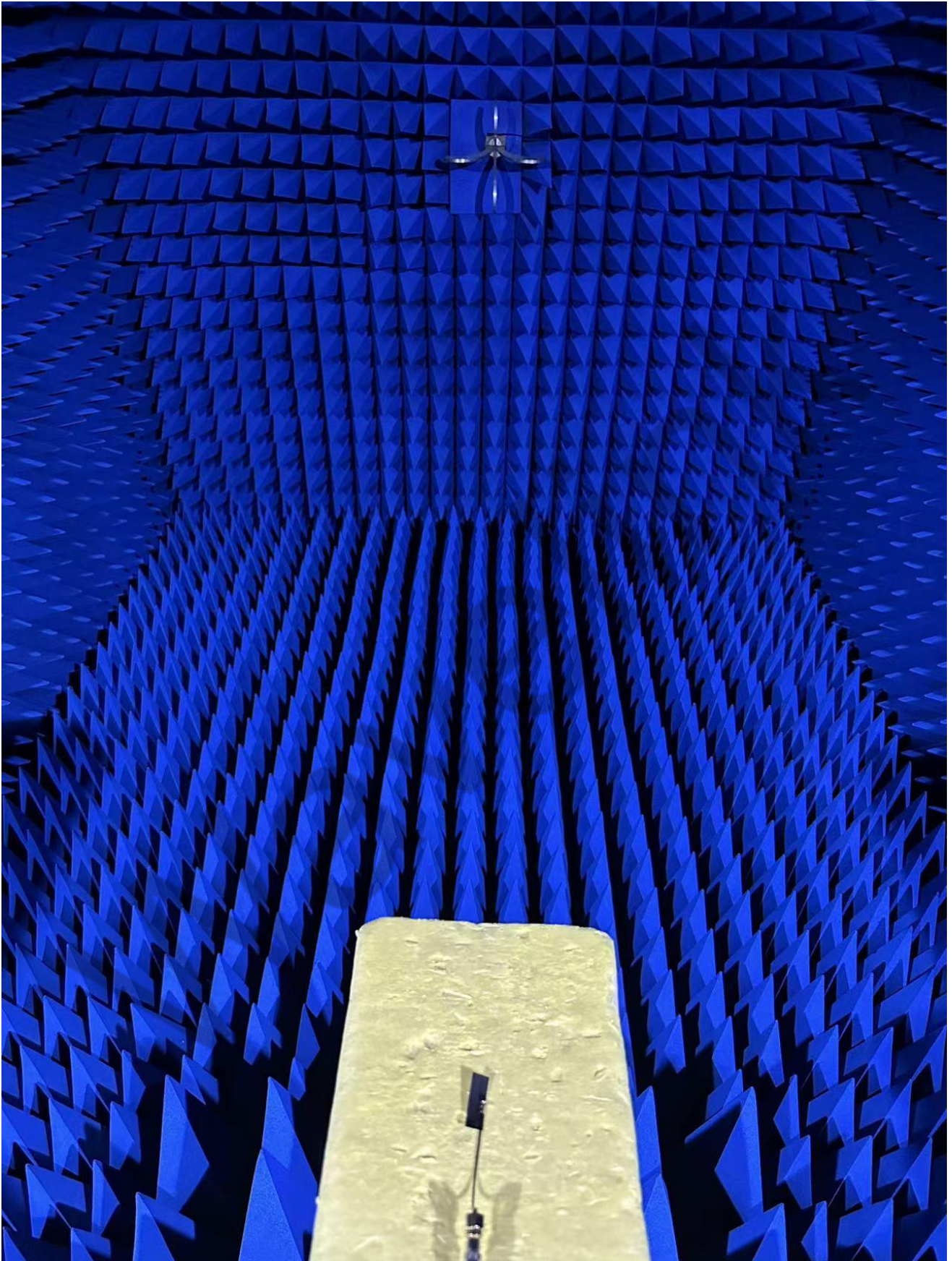
Mechanical Specifications

Antenna Size	25 mm $\times$ 9 mm
Casing	FPC
Connector Type	I-PEX
Working Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Radome Color	Black

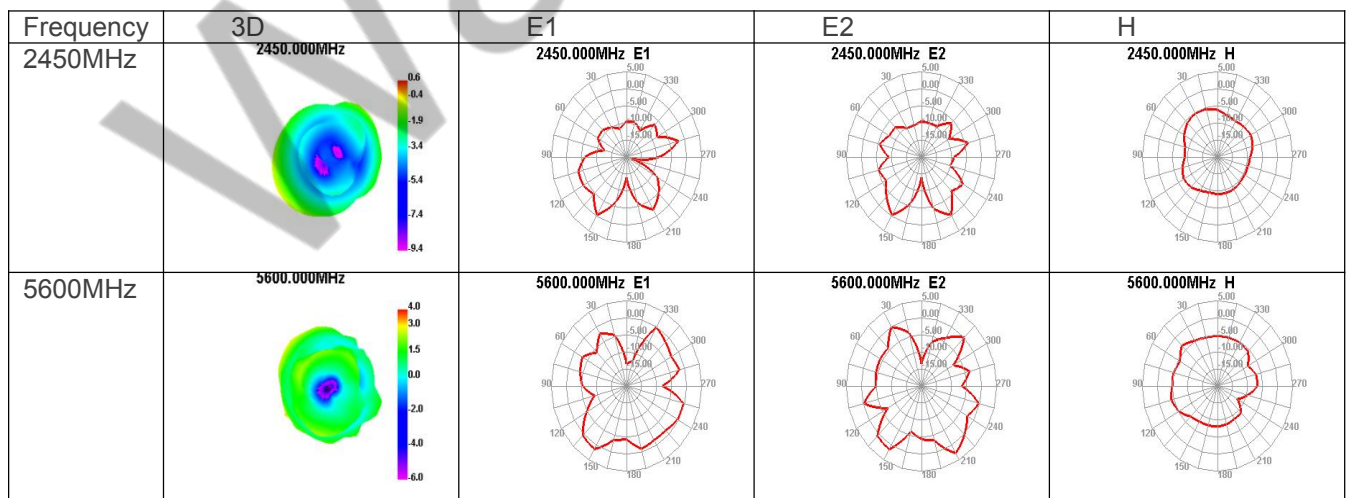
4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
2400	29	-5.38	0.93	-1.22	0.93	-14.84	5.38	45.87	45.75
2410	31.23	-5.05	1.17	-0.98	1.17	-14.63	5.05	45.85	45.78
2420	26.25	-5.81	0.36	-1.79	0.36	-16.24	5.81	46.26	46.25
2430	30.59	-5.14	1.02	-1.13	1.02	-16.36	5.14	46.47	46.34
2440	31.94	-4.96	1.22	-0.93	1.22	-16.83	4.96	46.84	46.78
2450	27.2	-5.65	0.55	-1.6	0.55	-18.34	5.65	46.56	46.47
2460	29.16	-5.35	0.91	-1.24	0.91	-18.28	5.35	46.97	46.88
2470	34.18	-4.66	1.71	-0.44	1.71	-17.21	4.66	47.13	47.01
2480	29.7	-5.27	1.18	-0.97	1.18	-16.63	5.27	47.4	47.28
2490	29.34	-5.33	1.22	-0.93	1.22	-15.01	5.33	47.39	47.18
2500	29.6	-5.29	1.34	-0.81	1.34	-13.42	5.29	47.31	47.13
5150	14.79	-8.3	-1.68	-3.83	-1.68	-19.81	8.3	52.43	52.34
5200	17.63	-7.54	-1.32	-3.47	-1.32	-22.25	7.54	52.5	52.27
5250	21.37	-6.7	-0.91	-3.06	-0.91	-22.57	6.7	52.27	52.3
5300	26.71	-5.73	-0.15	-2.3	-0.15	-19.46	5.73	52.57	52.74
5350	30.35	-5.18	0.56	-1.59	0.56	-18.29	5.18	53.1	53.18
5400	44.21	-3.54	2.42	0.27	2.42	-16.49	3.54	53.43	53.58
5450	49.26	-3.07	2.92	0.77	2.92	-16.48	3.07	53.96	53.96
5500	51.53	-2.88	3.16	1.01	3.16	-12.33	2.88	53.87	53.76
5550	60.42	-2.19	3.78	1.63	3.78	-12.42	2.19	53.94	53.98
5600	63	-2.01	4.01	1.86	4.01	-18.05	2.01	54.33	54.33
5650	57.36	-2.41	3.57	1.42	3.57	-18.67	2.41	53.97	54.04
5700	52.44	-2.8	3.21	1.06	3.21	-18.26	2.8	54.07	54.28
5750	47.12	-3.27	3	0.85	3	-17.21	3.27	54.33	54.22
5800	40.47	-3.93	2.63	0.48	2.63	-16.88	3.93	54.54	54.37
5850	39.79	-4	2.75	0.6	2.75	-15.64	4	54.72	54.61



Gain: 2 dBi

NO	DESCRIPTION	QTY	REMARK
3	CONN	1	
2	Cable	1	
1	FPC	1	